

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously Presented) A method of secure data transmission which is executed on a layer basis using a transmission method having possible message overhaul, comprising the steps of:

specially marking a message only if it is already being transmitted for at least a second time by said transmitter; and

ignoring said message which is marked as having been transmitted for at least a second time by a receiver if it recognizes said message as having already been received or if it interprets said message as a new message.

2. (Previously Presented) A method of secure data transmission wherein a transmitter protocol operates on a layer basis using a transmitter protocol having possible message overhaul, comprising the steps of:

specifically marking, by said transmitter protocol, a message only if it is already being transmitted for at least a second time.

3. (Previously Presented) A method of secure data transmission wherein a receiver protocol operates on a layer basis using a receiver protocol having possible message overhaul, comprising the steps of:

ignoring, by said receiver protocol, a message which is marked as having been transmitted at least for a second time if it recognizes the message as having already been received or if it interprets said message as a new message.

4. (Previously Presented) A method of secure data transmission wherein a receiver protocol operates on a layer basis using a receiver protocol having possible message overhaul, comprising the steps of:

ignoring, by said receiver protocol, a message if it recognizes said message as having already been received or if, although it interprets said message as a new message, said message is situated outside of a prescribed window.

5. (Currently Amended) A transmitter for secure data transmission with a transmitter protocol operating on a layer basis ~~using a~~ using the transmitter protocol having possible message overhaul, comprising: a means for specially marking a message only if it is already being transmitted for at least a second time.